



# **Spectrum/VMAX2/Plus4 Series**

Electric/Motorized Projection Screen

User Guide



# Important safety and warning precautions

## 1. Be sure to read this user guide before use and follow the procedures below.

- Please retain this manual for future reference.
- To avoid any damage, do not use in conjunction with any accessories not recommended by the manufacturer. Handle the device carefully during transportation to avoid damage.
- To ensure safe and reliable operation, direct connection to a properly grounded power source is advised.
- The power outlet supplying power to the unit should be close to the unit and easily accessible.
- Do not install the device on uneven or inclined surfaces.
- Do not put heavy objects on the power cord and position it properly to avoid creating a trip obstacle.
- Never overload the power cord to prevent an electric shock or fire.
- Guard the device from any liquid or foreign objects to avoid electrical shock or fire due to loose contact or short circuit.
- There are no user serviceable parts in the device. Do not attempt to disassemble this device by yourself. No one except authorized technicians can open this device to make repairs.
- Make sure the power source this device is connected to has a continuous power flow.
- If there is a need to use an extension cord, make sure the cord has the same equal rating as the appliance to avoid overheating.
- Do not handle the power plug when your hands are wet or your feet are in contact with water.

## 2. Do not use this device under the following circumstances:

- Disconnect the power cord under the conditions of heavy rain, wind, thunder or lightning.
- Avoid direct sunshine, rain shower or moisture.
- Keep away from fire sources and high temperature to prevent this device from overheating.
- Cut off the power supply first before transportation or maintenance.
- Fully disconnect from the power supply when screen is not in use for a long period of time, as should be done with any other electric household appliance. .
- To avoid possible injury and/or an electric shock, do not attempt to use the screen if there is obvious damage or if there are any evident broken parts

## Warning

Individual modifications to this product are prohibited and will void the warranty. Please contact Elite Screens Customer Service for any questions.

### NOTE:

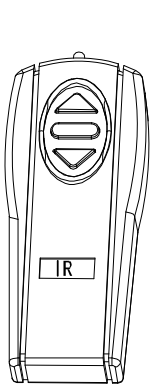
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

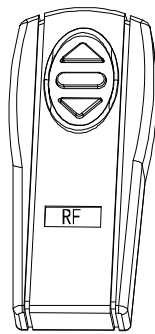
However, there is no guarantee that interference will not occur in a particular installation. If this equipment does harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

- ✓ Reorient or relocate the receiving antenna of the device which may be causing interference
- ✓ Increase the separation between the screen and the device's receiver
- ✓ Connect the equipment into a different power outlet than the device

## Accessories for Spectrum and VMAX2

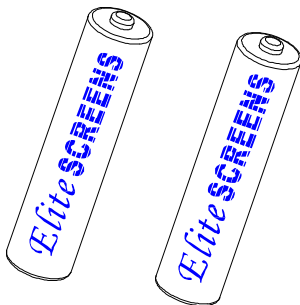


IR remote

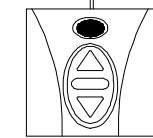


RF remote

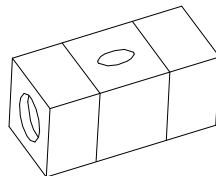
(Optional for Spectrum)



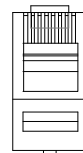
2 x AAA Batteries



Wall box switch



Bubble level



Red 12V

Green 0V

5-12 volt trigger cable



Eye receiver

(Optional for Spectrum)

When using your IR remote, always be sure to point your remote at the IR receiver.

**Note:** Contact your reseller for optional accessories or visit [shop.elitescreens.com](http://shop.elitescreens.com) for accessories purchase.

## PRE INSTALLATION

1. Carefully unpack the screen
2. Always handle the screen in a leveled position on a clean surface.
3. In order to protect the screen from exposure to stains, keep the screen out of contact with foreign particles such as dust, sawdust, and/or liquids.

### INSTALLATION 1

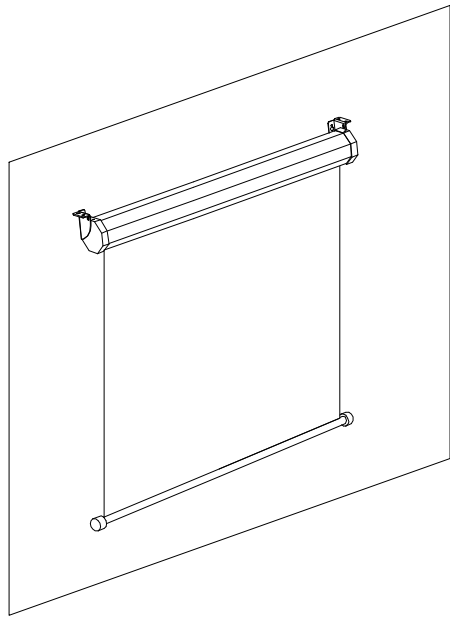
1. Select the location for your screen. Ensure that it is within a reasonable proximity from your power source. Be sure to allow for a reasonable angle of projection.
2. For the best support of your screen, it is ideal to secure your screen into the studs of your house's internal framework. If studs are not available, use hollow anchors for mounting your wall- screws in drywall. If you are installing in a concrete structure, use the concrete bolts for securing your screen into concrete walls.  
**(Always consult a professional installer or hardware professional to ensure that the proper screws and/or anchors are used)**
3. Ensure that both brackets are in perfect level alignment with one another. Use wall/ceiling wood screws to secure to the wood studs. Use hollow wall anchors if mounting in drywall.
4. Position a washer to the head of the wall-screw. The washers give added stability by enabling the screw to remain firmly anchored to the wall.
5. The screen casing is designed to accept the wall screws directly. If not using the **Optional L- brackets** be sure to position the washer between the head of the wall-screw and the anchor slots on the screen's casing

#### NOTE:

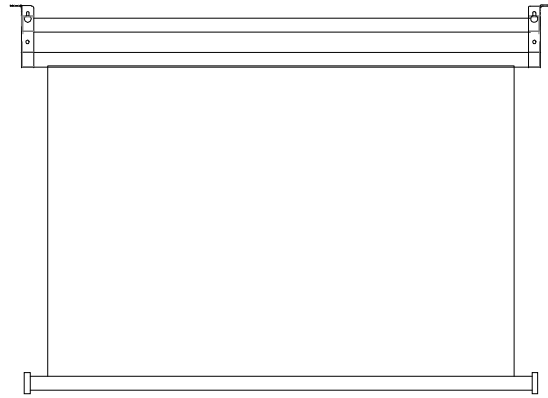
Regardless of mounting method, screen should be securely supported so that vibration or pulling on the viewing surface will not cause casing to become loose or fall. Installer must insure that fasteners used are of adequate strength and suitable for the mounting surface chosen.

### INSTALLATION 2

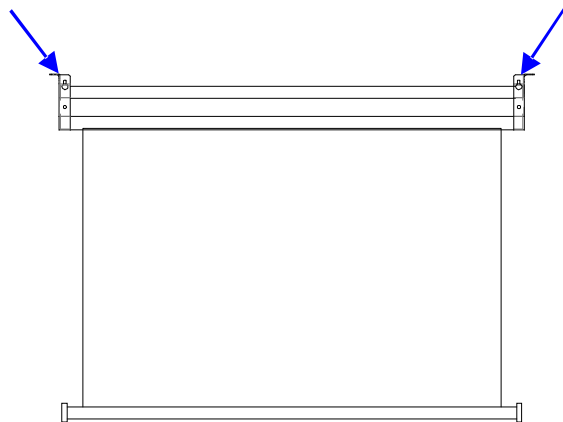
1. Using a tape measure, mark the keyholes that are located at the back of the screen's casing end cap.
2. After marking the area and predrilled hole, insert the screw and leave at least 1/8" of an inch from the wall to mount the screen. (**Fig. 1**)



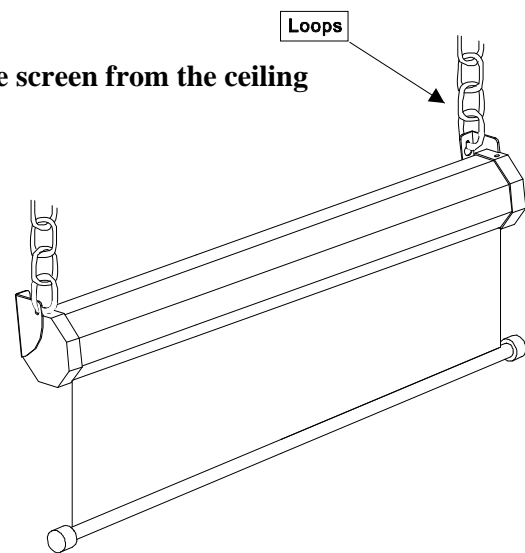
**Fig. 1**



**Optional installation method using a chain to hang the screen from the ceiling**



**Fig. 2**



# OPERATION

## 12-V Trigger

The VMAX2 and Spectrum Screens have the capability of using a 12-Volt Trigger.

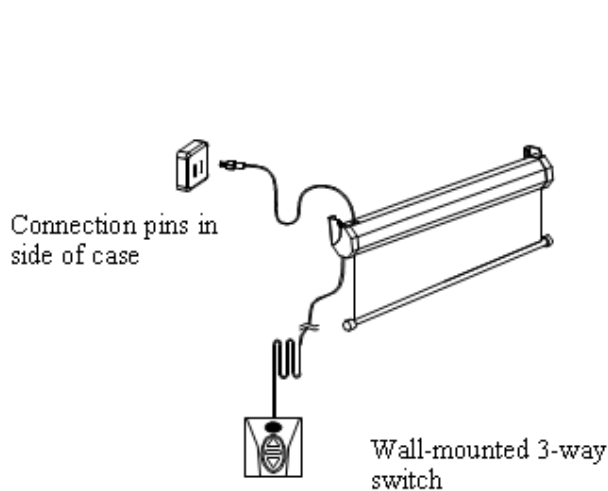
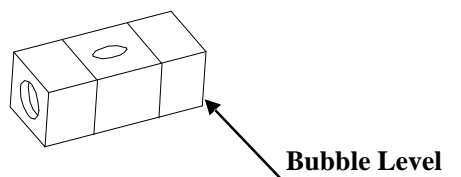


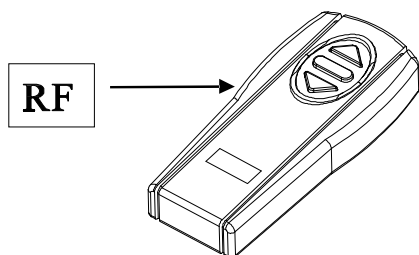
Diagram A  
Wall-mounted 3-way-switch

1. **Bubble Level:** Included with the installation package is a small bubble level that can be useful in determining if the screen is perfectly level when installing.

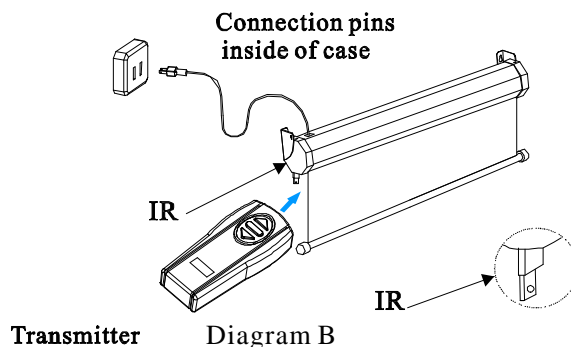
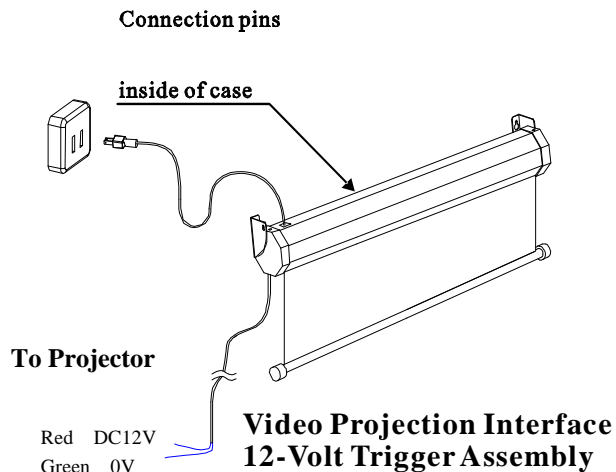


2. Below is the **RF** remote with a range of 100 Ft.

(Radio Frequency)  
Note: When you get the optional RF, you should follow the instruction and adjust the code.

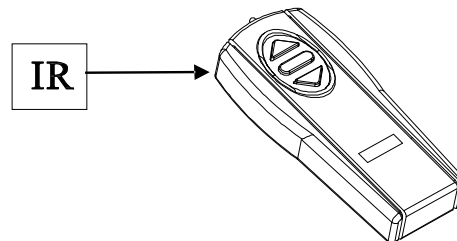


Radio Frequency Remote Control



3. Below is the **IR** remote (Infra Red) with a range of 15 Ft.

(Infra Red)  
Note: The light on this remote does not turn on when the buttons are depressed unlike the RF remote.



Infrared Remote Control

# FAQ'S

1. Q: Why does my screen no longer function?

A: There are a few possible things you could check:

I.) Make sure your wall plug has power and that the screen is properly plugged in.

II.) Please check the fuse to y our screen. (Call Tech support for location of fuse)

III.) If screen works well with the line switch but not with the remote control, make sure the remote control has good batteries in it.

IV.) Our electric screens with a tubular motor installed are equipped with a Thermal relay. This would include all Home (2, 3), Tension (1, 2, 3) series, and VMAX screens with a diagonal size above 180". This feature will automatically shut off screen in the event the motor becomes too hot, preventing overheating of the motor. To correct this, let screen alone for 10-15 minutes and try again.

2. Q: How is the screen material cleaned?

A: The screen material can be cleaned with mild soap and water.

3. Q: What type of batteries do the remote controls require?

A: The IR and RF remote controls use AAA alkaline batteries

4. Q: Can you manually pull down the screen?

A: No, manually pulling down the screen will damage the electronic motor rolling system.

5. Q: How could I setup my Screens IR receiver to work with my learning remote control system?

Do you have any IR codes I can use to achieve this?

A: Our IR remote controls have been evaluated and entered in to the databases of some Universal remote control manufacturers. Please contact the manufacturer of your remote to inquire about your remotes ability to function with ours. If they have not evaluated our remote control then the following list of Binary codes will be used for most remote setups.

For Spectrum, VMAX2 (Plus), Home2(3) and Tension2(3) Series

Up: 1111 0000 0001

Stop: 1111 0000 0010

Down: 1111 0000 0100

6. Q: What is the gain on the matte white screen material?

A: The matte white material has a gain of 1.1. For detailed specs, info please check our web-site for more detail

Note: For more Update FAQ, please visit [www.elitescreens.com](http://www.elitescreens.com)

# Warranty Policy

- Two (2) year warranty on parts and labor from defects in workmanship from purchase date as follows.
- Each party will be responsible for one way shipping during the warranty return period.
- DOA (Defective on Arrival): Must be reported within 7 business days of receipt.
- An RMA (Return Merchandise Authorization) number must be issued in order to process a replacement or authorize a warranty repair. Elite Screens will replace the DOA (Defective on Arrival) unit with a brand new replacement \*(see exceptions below) after the DOA unit is received and/or confirmed defective. Once the product is received, Elite Screens will send out a new \*unit to the customer by ground service (subject to inventory availability). Should a problem be reported after the 7-day grace period, the item must be shipped to us for warranty repair.
- **Missing Parts** must be reported within the 7-day (DOA) grace period. If reported after 7 days, customer will only be responsible for shipping and handling fees. If reported after 30 days of receipt, customer is responsible for cost of the parts and shipping & handling fees.
- **DO NOT** return any unauthorized items to Elite Screens, as they will be refused at shipper's expense. The RMA number must be included on the outside label of your shipping box and shipping documents. Our warehouse is not authorized to accept returns without an RMA number on the shipping label. RMA numbers are valid for 45 days from the issued date.

\*A new or refurbished replacement will be sent out to the customer depending on the type of purchase (new or refurbished) or based on stock availability.

For Warranty and Service requests please fill out a RMA /Service Form at:

[http://www.elitescreens.com/service\\_formhtm](http://www.elitescreens.com/service_formhtm).

Please Visit this link for full Warranty information:

<http://www.elitescreens.com/service.htm>

For Customer Service and Technical questions, please contact Elite Screens at:

Telephone:(877)-511-1211 Fax:(562)-483-8498



**Register your warranty at [www.elitescreens.com/register.html](http://www.elitescreens.com/register.html)**

**US & Canada Tech Support & Warranty Claim**

Please contact us at [service@elitescreens.com](mailto:service@elitescreens.com) or call +1 877-511-1211 #3 Service

**Europe Tech Support & Warranty Claim**

Please contact us at [service@elitescreens.eu](mailto:service@elitescreens.eu) or call +49-(0) 40-30392958

**Asia or China Tech Support & Warranty Claim**

Please contact us at [service@elitescreens.com.cn](mailto:service@elitescreens.com.cn) or call +86-(0) 755-8461-7989

**Taiwan Tech Support & Warranty Claim**

Please contact us at [service@elitescreens.com.tw](mailto:service@elitescreens.com.tw) or call +886-(02)2747-8979

**America: Elite Screens Inc**

16410 Manning Way, Cerritos, CA 90703 USA Tel:

877-511-1211 Fax: 562-483-8498

[info@elitescreens.com](mailto:info@elitescreens.com)

[www.elitescreens.com](http://www.elitescreens.com)

**Europe: Elite Screens Europe GmbH**

Lübecker Straße, 122087 Hamburg, Germany

Tel: +49-40-30392494 Fax: +49-40-49219200

[info@elitescreens.eu](mailto:info@elitescreens.eu)

[www.elitescreens.eu](http://www.elitescreens.eu)

**Asia: Elite Screens China Ltd.**

Longxi Duimianling Industry Zone Longcheng

Longgang District, ShenZhen GuangDong, China

Tel: +86-(0)755-8461-7989 Fax: +86-(0)755-8461-7669

[info@elitescreens.com.cn](mailto:info@elitescreens.com.cn)

[www.elitescreens.com.cn](http://www.elitescreens.com.cn)

**Taiwan:**

**Elite Screens Taiwan Corp.**

1F. No. 38 Alley 22 Lane 66 Sec. 5 Nanjing E. Rd. Songshan District. Taipei City 105, Taiwan

Tel: +886-(02)2747-8979 Fax: +886-(02)2747-8978

[info@elitescreens.com.tw](mailto:info@elitescreens.com.tw)

[www.elitescreens.com.tw](http://www.elitescreens.com.tw)

**Email contacts:**

**Latin America Contact:**

[erik.garcia@elitescreens.com](mailto:erik.garcia@elitescreens.com)

**East Asia Contact:**

[info.ea@elitescreens.com](mailto:info.ea@elitescreens.com)

**India Contact:**

[info.india@elitescreens.com](mailto:info.india@elitescreens.com)

**Japan Contact:**

[info.japan@elitescreens.com](mailto:info.japan@elitescreens.com)